

PTO/SB/D&A (10-01)

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<i>(use as many sheets as necessary)</i>			
Sheet	1	of	2

Complete if Known	
Application Number	10/729,788
Filing Date	12/05/2003
First Named Inventor	Liu et al.
Art Unit	
Examiner Name	
Attorney Docket Number	552-003

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (If known)			
R	1	us- 2,988,957	06/20/1961	J. Kitora, Jr.	
R	2	us- 3,469,901	09/20/1969	G.L. Cook et al.	
	3	us- 3,527,528	09/08/1970	C.M. McKee et al.	
	4	us- 3,536,382	10/27/1970	C.M. McKee et al.	
	5	us- 3,749,480	07/31/1973	De Witt et al.	
	6	us- 3,842,397	10/15/1974	Sindle	
	7	us- 3,950,080	04/13/1976	McKee et al.	
	8	us- 4,240,152	12/16/1980	Duncan et al.	
	9	us- 4,609,265	09/02/1986	McKee et al.	
	10	us- 4,632,525	12/30/1986	Hayashi et al.	
	11	us- 4,679,158	07/07/1987	Tate	
	12	us- 4,779,095	10/18/1988	Guerreri	
	13	us- 4,903,004	02/20/1990	Starke et al.	
	14	us- 5,056,905	10/15/1991	Jensen	
	15	us- 5,132,851	07/21/1992	Bomar et al.	
	16	us- 5,196,965	03/23/1993	Lang et al.	
	17	us- 5,306,953	04/26/1994	Weiner	
	18	us- 5,719,713	02/17/1998	Brown	
R	19	us- 5,980,048	11/09/1999	Rannells, Jr. et al.	
R	20	us- 6,217,177	04/17/2001	Rost	

[illegible]

Examiner Signature	<i>Rene</i>	<i>Marche</i>	Date Considered	2/5/05
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Sheet	2	of	2
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